

FIG. 1

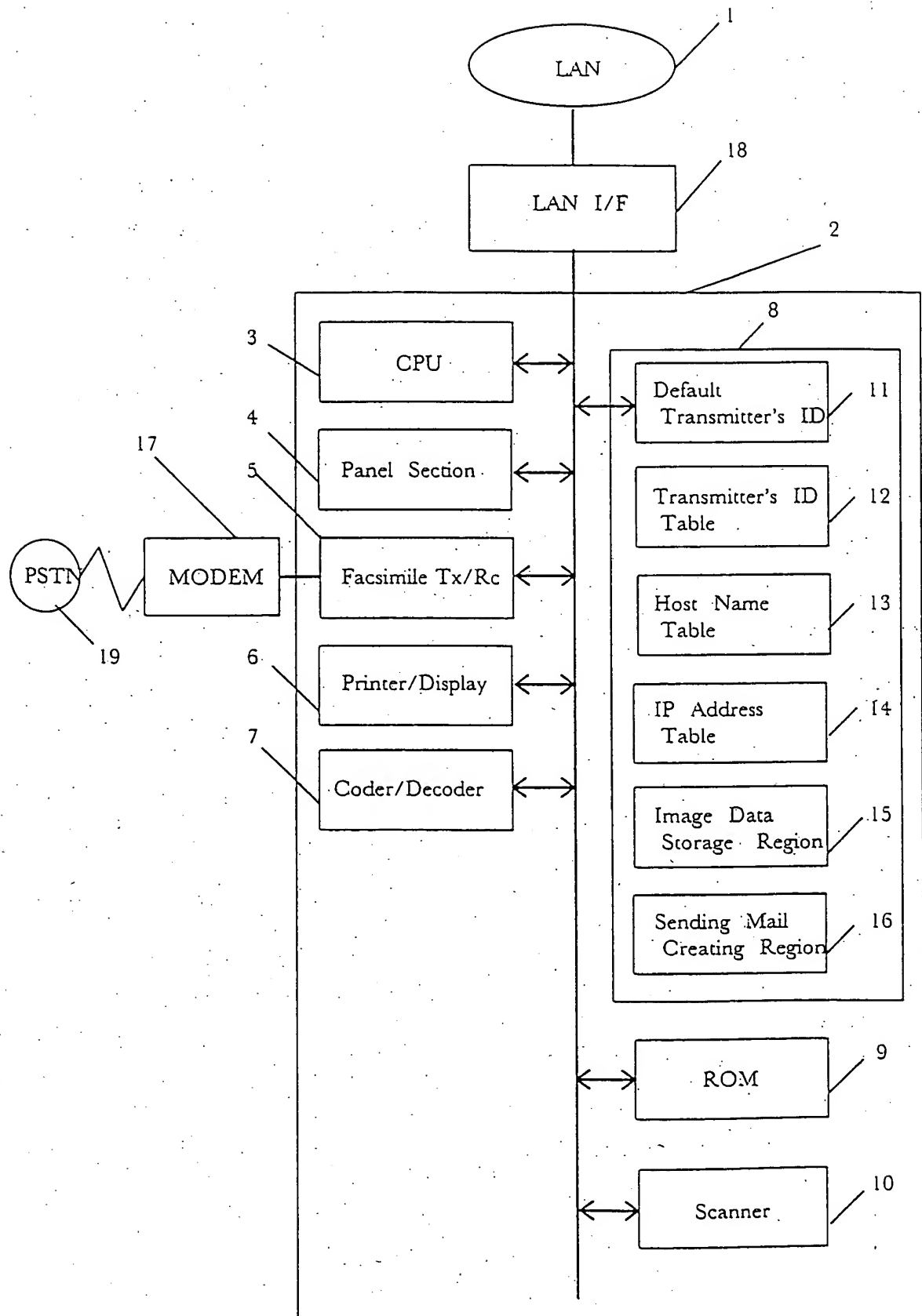


FIG. 2A

Transmitter Information Default

| Machine's Name | Mail Address   |
|----------------|----------------|
| Internet FAX   | fax@aaa.bbb.jp |

FIG. 2B

Transmitter's Identification Table

| Transmitter's Name | Mail Address       |
|--------------------|--------------------|
| suzuki             | usr1@abc. defg. jp |
| yamada             | usr2@abc. defg. jp |
| MGCS               | <i>not set</i>     |
| <i>not set</i>     | usr4@abc. defg. jp |
|                    |                    |

FIG. 3

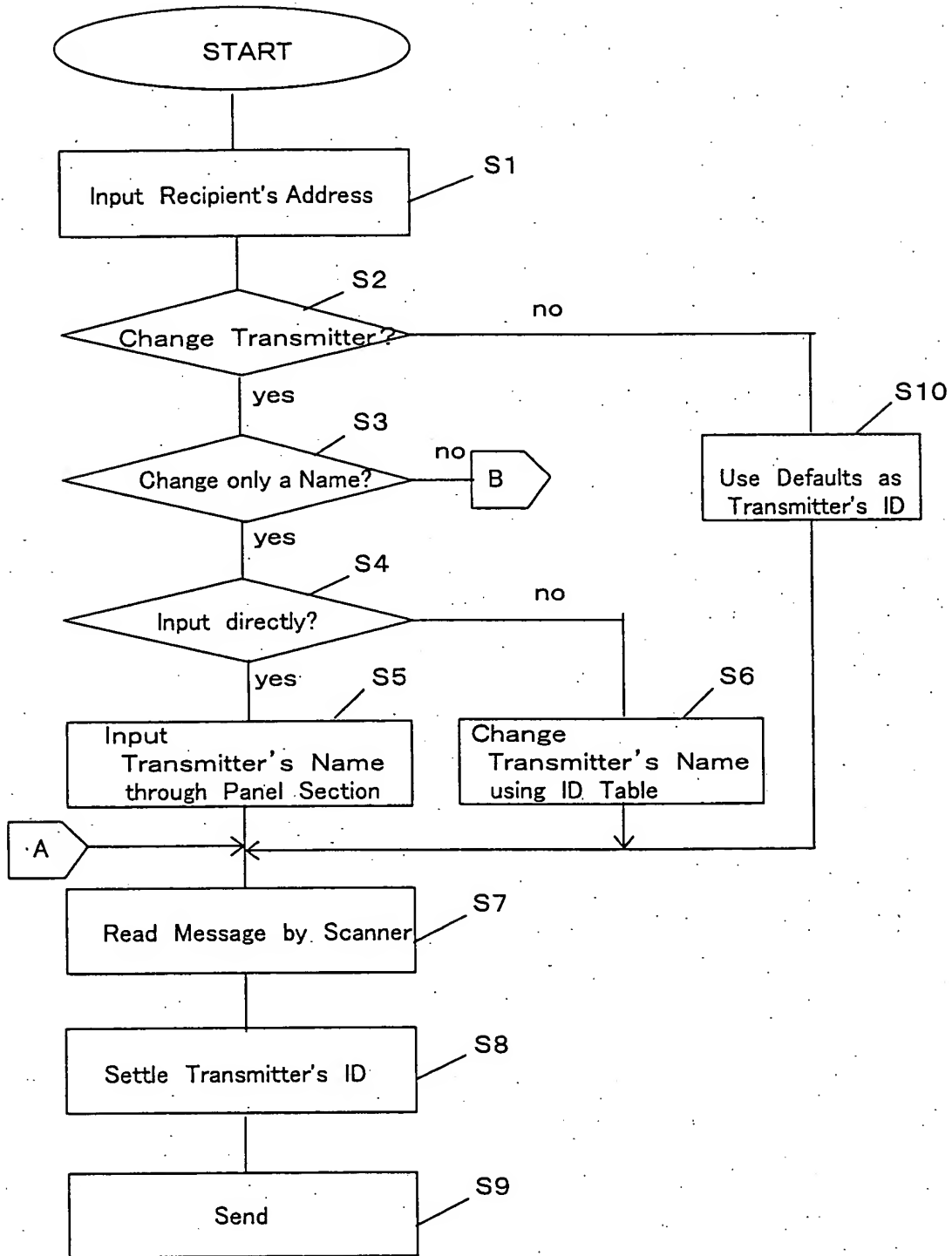
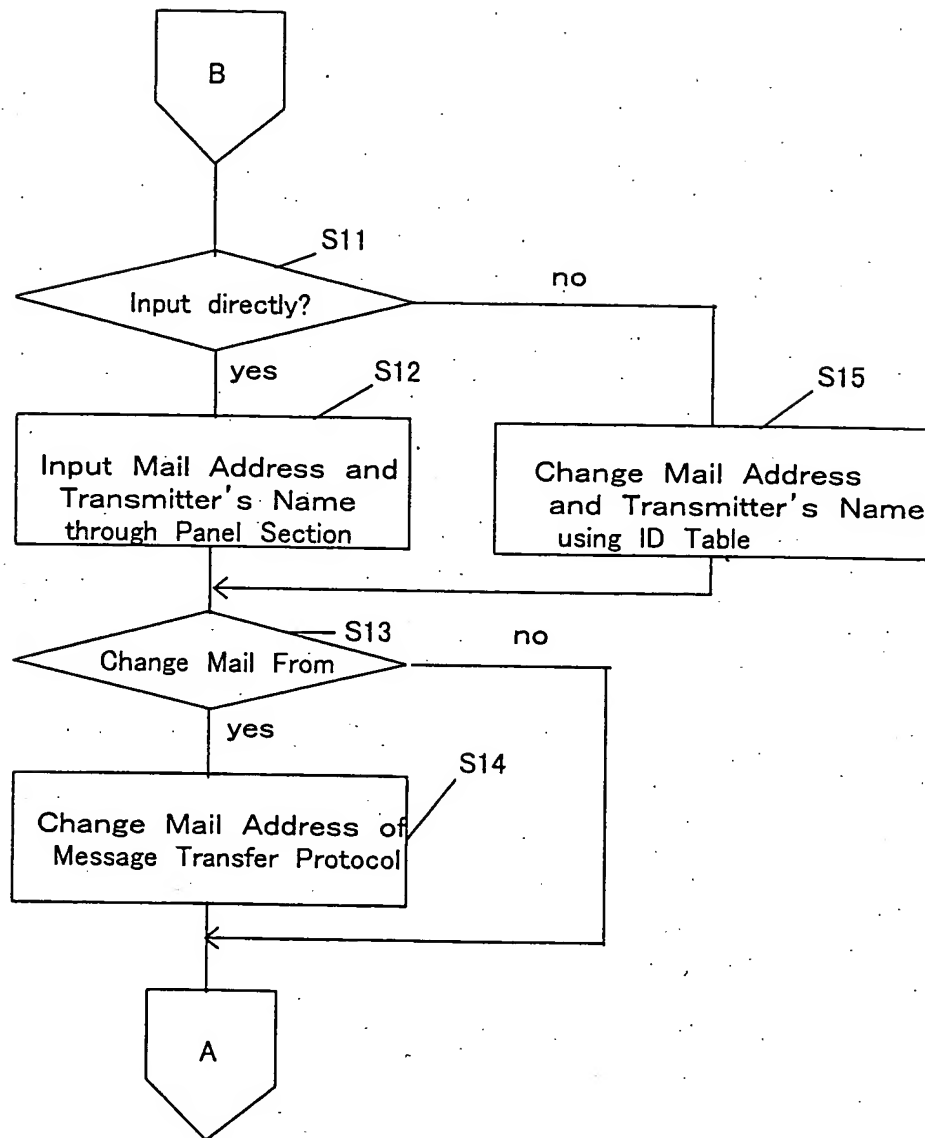


FIG. 4



## FIG. 5A

Mail From Command

MAIL<SP>FROM:<reverse-path>

Mail Message

Mime-Version: 1.0

X-Mailer: Internet FAX, MGCS

From: "comment" <Mail address>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

## Fig. 5B

Change Transmitter's Name of Mail Message  
into "suzuki"

Mail From Command

MAIL FROM:<fax@aaa. bbb. jp>

Mail Message

Mime-Version: 1.0

X-Mailer: Internet FAX, MGCS

From: "suzuki", fax@aaa. bbb. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

## FIG. 5C

Change Transmitter's Name and Mail Address  
of Mail Message into "suzuki"

Mail From Command

MAIL FROM:<fax@aaa. bbb. jp>

Mail Message

Mime-Version: 1.0

X-Mailer: Internet FAX, MGCS

From: "suzuki" <usr1@abc. defg. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 5D

Change Transmitter's Name, Mail Address and  
Mail From Command into "suzuki"

Mail From Command

Mail FROM:<usr1@abc.defg.jp>

Mail Message

Mime-Version:1.0

X-Mailer:Internet FAX, MGCS

From:"suzuki"<usr1@abc.defg.jp>

Subject: \* \* \* \*

To:aaa@bbb.ccc.ddd

FIG. 5E

Change Transmitter's Name, Mail Address and  
Mail From Command into "MGCS"

Mail From Command

MAIL FROM:<fax@aaa.bbb.jp>

Mail Message

Mime-Version:1.0

X-Mailer:Internet FAX, MGCS

From:"MGCS"<fax@aaa.bbb.jp>

Subject: \* \* \* \*

To:aaa@bbb.ccc.ddd

FIG. 5F

Change Transmitter's Name, Mail Address and  
Mail From Command into "usr4@abc.defg.jp"

Mail From Command

MAIL FROM:<usr4@abc.defg.jp>

Mail Message

Mime-Version:1.0

X-Mailer:Internet FAX, MGCS

From:<usr4@abc.defg.jp>

Subject: \* \* \* \*

To:aaa@bbb.ccc.ddd

FIG. 6

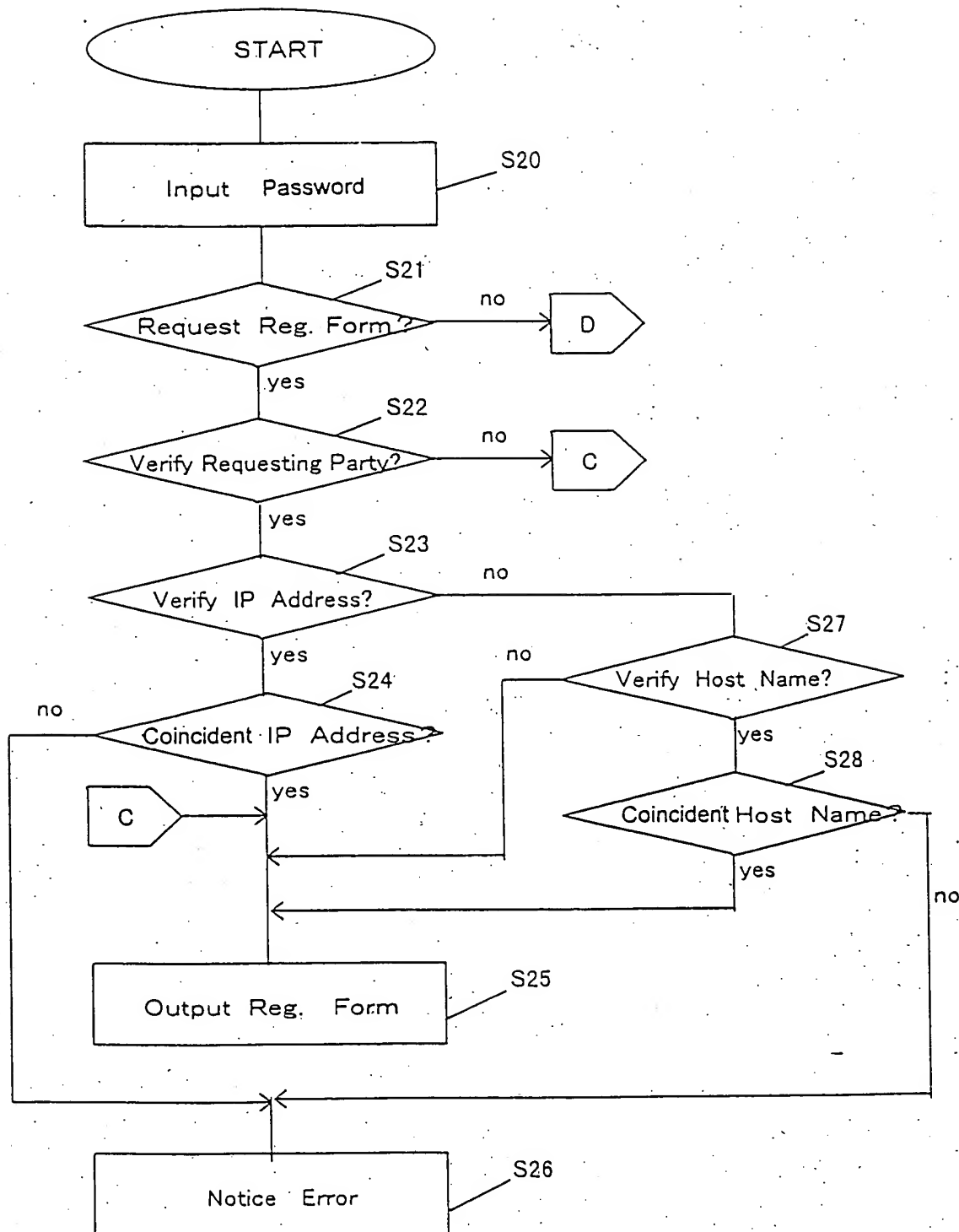


FIG. 7

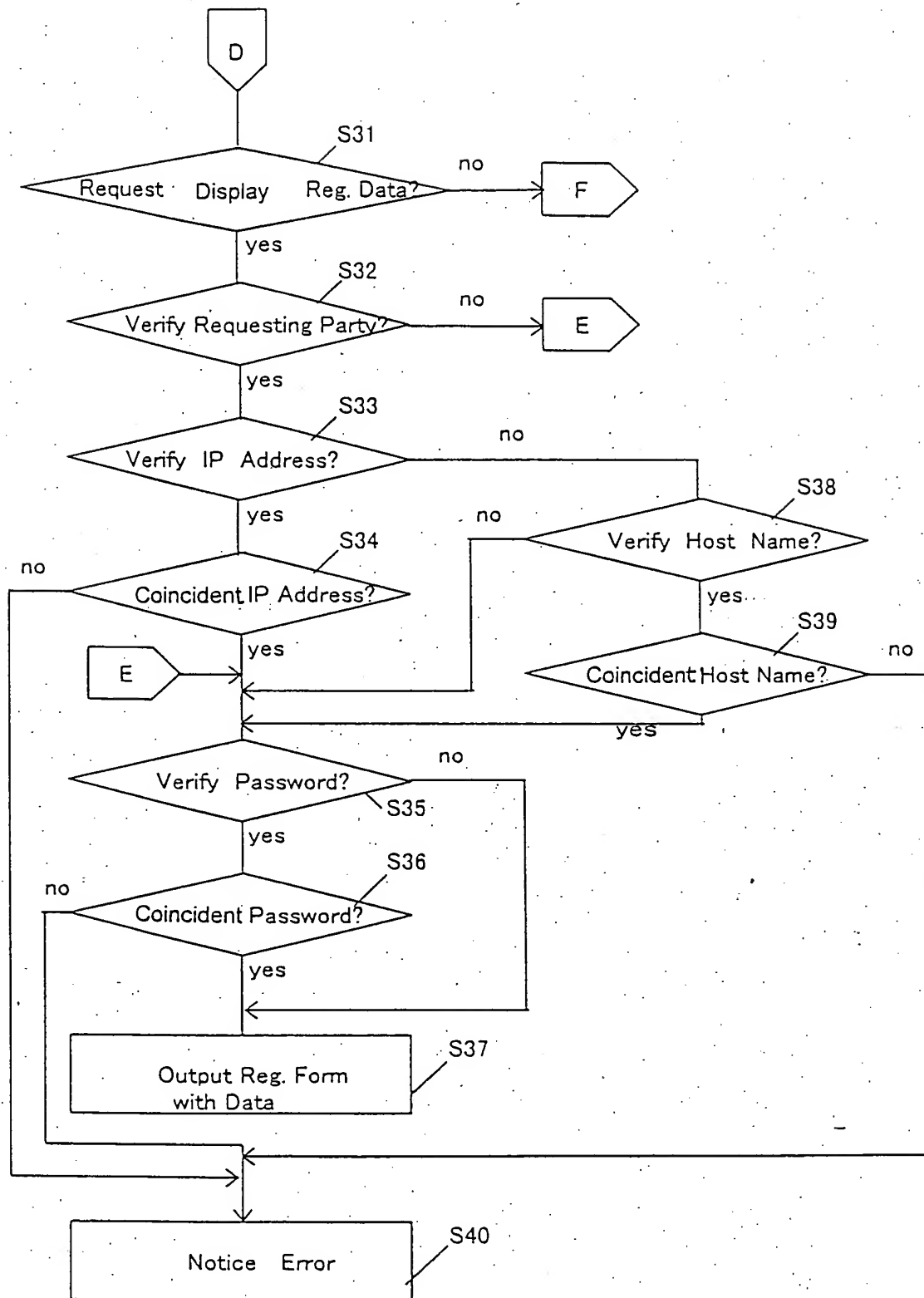




FIG. 8

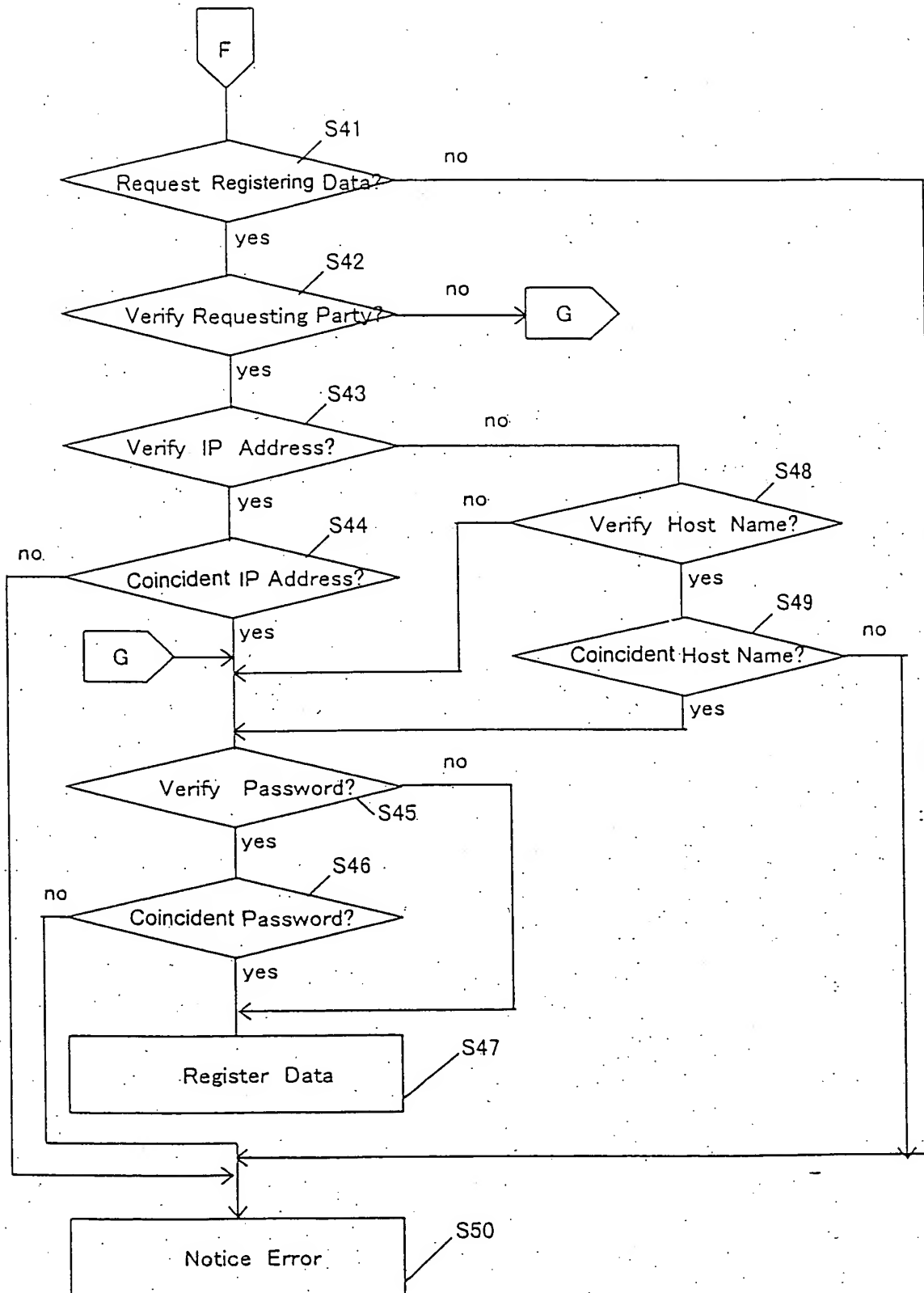


FIG. 9A

Transmitter's ID Table

| IP Address      | IP MASK         |
|-----------------|-----------------|
| 001.001.001.001 | 255.255.255.128 |
| 001.001.002.123 |                 |
| 001.002.003.111 |                 |
|                 |                 |

FIG. 9B

Host Name Table

| Host Name       |
|-----------------|
| pc1.abc.defg.jp |
| pc2.abc.defg.jp |
| aaa.bbb.jp      |
|                 |

FIG. 10

**REGISTRATION AND CONFIRMATION  
OF TRANSMITTER INFORMATION**

PASSWORD  f1

REGISTRATION ☐ f2 Registration of Data

READ OUT ☐ f3 Display Registered Data

| f4 | Transmitter's Name   | Mail Address         | f5 | Error Mail               |
|----|----------------------|----------------------|----|--------------------------|
| 01 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/> f6 |
| 02 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 03 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 04 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 05 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 06 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 07 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 08 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 09 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |
| 10 | <input type="text"/> | <input type="text"/> |    | <input type="radio"/>    |

f7   f8

# FIG. 11

R: 220 BBN-UNIX. ARPA Simple Mail Transfer Service Ready  
 S: HELO USC-ISIF. ARPA  
 R: 250 BBN-UNIX. APPA  
 S: MAIL FROM: <Smith@USC-ISIF. ARPA>  
 R: 250 OK  
 S: RCPT TO: <Jones@BBN-UNIX. ARPA>  
 R: 250 OK  
 S: RCPT TO: <Green@BBN-UNIX. ARPA>  
 R: 550 No Such user here  
 S: RCPT TO: <Brown@BBN-UNIX. ARPA>  
 R: 250 OK  
 S: DATA  
 R: 354 Start mail input; end with <CRLF>. <CRLF>  
 S: Blah blah blah...  
 R: ...etc. etc. etc.  
 S:  
 R: 250 OK  
 S: QUIT  
 R: 221 BBN-UNIX. ARPA Service closing transmission channel

FIG. 12A      Verify IP Address without MASK  
                  from 001.001.002.123      Coincident      Receive  
                  from 001.001.002.124      Not Coincident      Reject

FIG. 12B      Verify IP Address with MASK  
                  from 001.001.001.103      Coincident      Receive  
                  from 001.001.001.201      Not Coincident      Reject

FIG. 12C      Verify Host Name  
                  from pc1.abc.defg.jp      Coincident      Receive  
                  from pc3.abc.defg.jp      Not Coincident      Reject

FIG. 12D      Verify Host Name  
                  from ws1.aaa.bbb.jp      Coincident      Receive  
                  from ws2.aab.bbb.jp      Not Coincident      Reject